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Assistant Commissioner for Patents  
Washington, D.C. 20231

On

TOWNSEND and TOWNSEND and CREW LLP

By:

**PATENT**  
Attorney Docket No.: 15280-332100US  
Client Reference No.: E-170-97/0



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

SCHNEIDER *et al.*

Application No.: 09/601,561

Filed: December 15, 2000

For: MOLECULAR COMPUTING  
ELEMENTS: GATES AND FLIP-  
FLOPS S

Examiner: Zhou, Shubo "Joe"

Art Unit: 1631

DECLARATION OF INVENTORSHIP  
UNDER 37 C.F.R. § 132

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

I, Thomas D. Schneider, and I, Paul N. Hengen, hereby declare the following:

We are the named and true inventors in the above-referenced patent application, and we are co-inventors of the subject matter disclosed and claimed in the application, and the only inventors of the subject matter.

We are co-authors of the paper entitled "Information analysis of Fis binding sites" in *Nucl. Acids Res.* 25:4994-5002, 1997. To the extent that the subject matter disclosed and claimed in the above-referenced application is also disclosed in the paper, we are the sole inventors of said subject matter. The other co-authors of the publication, Stacy L. Bartram, and Lisa E. Stewart, were working under our supervision and are not co-inventors.

We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made

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are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated: 2001 Dec 4

By

Thomas D. Schneider

Thomas D. Schneider

Dated: 15 DECEMBER 2001

By

Paul N. Hengen

Paul N. Hengen